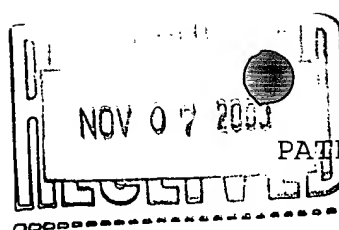


SON-2013



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of

Shigeo TAGAMI

Group Art: 2631

Serial No. 09/782,166

Confirmation No. 8338

Filed: February 14, 2001

For: DIGITAL SIGNAL PROCESSING DEVICE AND A METHOD AND A DELTA-SIGMA MODULATOR USING THE SAME METHOD

#4

RECEIVED

INFORMATION DISCLOSURE STATEMENT

NOV 06 2003

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Technology Center 2600

Sir:

The Applicant, through its representatives and attorneys, hereby brings to the attention of the Examiner the five (5) documents identified on the accompanying Form PTO-1449. Copies are provided.

This will certify that each item of information provided in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Specifically, these documents were noted in a European Search Report (ESR) cited in connection with the corresponding European application. A copy of the ESR is provided for the convenience of the Examiner.

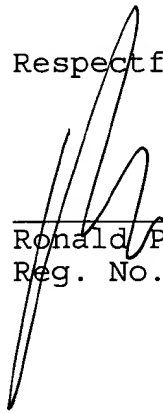
This submission is also timely in that this information is provided prior to the initial Action on the merits of the invention.

Please note that the document EP 0783207 corresponds to the document identified on page 2 of the specification as amended, according to the annex to the European search report, a copy of which is included.

Please take these additional documents into account in the initial examination of this application, together with the information in the Background of the Invention in the specification as filed, and make their consideration of record.

Respectfully submitted,

Date: November 5, 2003



Ronald P. Kananen
Reg. No. 24,104

RADER, FISHMAN & GRAUER, PLLC
The Lion Building
1233 20th Street, N.W., Suite 501
Washington, D.C. 20036
Tel: (202) 955-3750
Fax: (202) 955-3751

Customer No. 23353